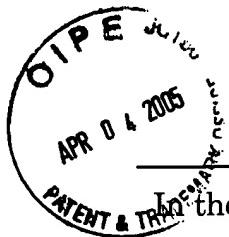


**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



to the **PATENT APPLICATION** of:

Hongjian et al.

**Application No.:** 10/656,420

**Confirmation No.:** 7560

**Filed:** September 5, 2003

For: VARIABLE FREQUENCY PWM  
CONTROLLER CIRCUIT

Group Art Unit: 2817

Examiner: Michael B. Shingleton

Our File: DEE-PT128

Date: March 31, 2005

**REPLY PURSUANT TO 37 C.F.R. § 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Reply is being timely filed in response to the Office Action dated March 3, 2005. Please amend the application without prejudice, as follows:

OIPE  
APR 04 2005  
PATENT & TRADEMARK OFFICE

PTO/SB/21 (09-04)

Approved for use through 07/31/2006.  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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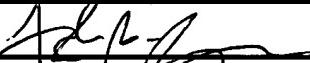
Total Number of Pages in This Submission

Application Number	10/656,420
Filing Date	September 5, 2003
First Named Inventor	Hongjian et al.
Art Unit	2817
Examiner Name	Michael B. Shingleton
Attorney Docket Number	DEE-PT128

### ENCLOSURES (Check all that apply)

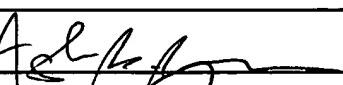
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please Identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
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<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	VOLPE AND KOENIG, P.C.		
Signature			
Printed name	Joshua B. Ryan		
Date	March 31, 2005	Reg. No.	56,438

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	
Typed or printed name	Joshua B. Ryan
Date	March 31, 2005

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